



PATENT  
Docket No. 245402002701

**CERTIFICATE OF MAILING BY "FIRST CLASS MAIL"**

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Mei Leung

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In the application of:

Shigetoshi ITO and Yuhzoh TSUDA

Serial No.: 10/616,767

Filing Date: July 9, 2003

For: NITRIDE SEMICONDUCTOR LASER  
DEVICE AND OPTICAL PICKUP  
APPARATUS THEREWITH

Examiner: Not Yet Assigned

Group Art Unit: Not Yet Assigned

**INFORMATION DISCLOSURE  
STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of the documents were previously submitted in an Information Disclosure Statement and/or Office Action, directed to the related application Serial Number 09/842,447, filed April 26, 2001, and, accordingly, copies are not included herewith. This protocol conforms with 37 C.F.R. § 1.98(d)

and M.P.E.P. 609(A)(2). The Examiner is requested to make these documents of record in the application.

This Information Disclosure Statement is submitted:

- ☐ With the application; accordingly, no fee or separate requirements are required.
- ☐ Before the mailing of a first Office Action after the filing of a Request for Continued Examination under § 1.114.
- ☒ Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required.
- ☐ After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
  - ☐ A fee is required. A check in the amount of \_\_\_ is enclosed.
  - ☐ A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below; accordingly, no fee is believed to be due.
- ☐ After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a check in the amount of \_\_\_ is enclosed.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.)

Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

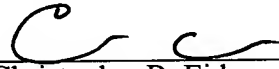
The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does

not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal form is separated from this document and the Patent Office determines that an extension and/or other relief is required, Applicants petition for any required relief including extensions of time and authorize the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing 245402002701. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: August 12, 2003

Respectfully submitted,

By:   
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Form PTO-1449

Docket Number 245402002701

Application Number 10/616,767

# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Applicant

Shigetoshi ITO and Yuhzoh TSUDA

Filing Date July 9, 2003

Group Art Unit Not Yet Assigned

Mailing Date August 12, 2003

## U.S. PATENT DOCUMENTS

| Examiner Initials | Ref. No. | Date       | Document No. | Name            | Class | Subclass | Filing Date If Appropriate |
|-------------------|----------|------------|--------------|-----------------|-------|----------|----------------------------|
|                   | 1.       | 04/25/2002 | 2002/0048302 | Kimura          |       |          |                            |
|                   | 2.       | 05/16/2002 | 2002/0056836 | Sawazaki et al. |       |          |                            |
|                   | 3.       | 07/04/2002 | 2002/0084452 | Ota et al.      |       |          |                            |
|                   | 4.       | 07/04/2002 | 2002/0085603 | Okumura         |       |          |                            |
|                   | 5.       | 02/03/1998 | 5,714,772    | Fang et al.     |       |          |                            |
|                   | 6.       | 04/14/1998 | 5,739,554    | Edmond et al.   |       |          |                            |
|                   | 7.       | 01/09/2001 | 6,172,382    | Nagahama et al. |       |          |                            |
|                   | 8.       | 05/15/2001 | 6,232,623    | Morita          |       |          |                            |
|                   | 9.       | 12/11/2001 | 6,329,667    | Ota et al.      |       |          |                            |

## FOREIGN PATENT DOCUMENTS

| Examiner Initials | Ref. No. | Date       | Document No. | Country | Class | Subclass | Translation YES NO |
|-------------------|----------|------------|--------------|---------|-------|----------|--------------------|
|                   | 10.      | 01/26/1998 | 11-214788    | Japan   |       |          |                    |

## OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

| Examiner Initials | Ref. No. | Title  |
|-------------------|----------|--|
|                   | 11.      | Kuramoto et al. (1999) "Room-Temperature Continuous-Wave Operation of InGa <sub>N</sub> Multi-Quantum-Well Laser Diodes Grown on an n-GaN Substrate with a Backside n-Contact," <i>Jpn. J. Appl. Phys.</i> 38: L184-186. |
|                   | 12.      | Nakamura et al. (1998) "InGa <sub>N</sub> /Ga <sub>N</sub> /AlGa <sub>N</sub> -Based Laser Diodes Grown on GaN Substrates with a Fundamental Transverse Mode," <i>Jpn. J. Appl. Phys.</i> 37: L1020-1022.                |

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.